

Application No: 10/666,860 Docket No.: Q137-US3

Page 2

IN THE CLAIMS

1.-19. (canceled)

20. (previously presented) A method of constructing an electric storage battery, comprising:

connecting a first end of a first electrode strip to a pin;

positioning a mandrel on the pin;

winding the first electrode strip together with a second electrode strip so as to form a spiral roll having at least a portion of the pin within the spiral roll, the spiral roll being formed after positioning the mandrel on the pin.

21. (previously presented) The method of claim 20, further comprising:

positioning spiral roll in a case with the pin extending through the case such that the pin serves as a battery terminal.

22. (currently amended) The method of claim 20, wherein the mandrel is positioned on the pin such that the mandrel is in electrical communication with the pin.

23. (currently amended) The method of ~~claim 20~~ claim 20, wherein winding the first electrode strip together with the second electrode strip includes rotating the pin.

24. (currently amended) The method of ~~claim 20~~ claim 20, wherein an end cap is positioned on the pin,

the end cap being configured to serve as a cap for a battery case,

the end cap including an electrical insulator, and

the pin extending through the insulator.

25. (previously presented) The method of claim 24, wherein the end cap includes a conductive member surrounding the insulator and further comprising:

Application No: 10/666,860 Docket No.: Q137-US3

Page 3

connecting the conductive member to a case such that the conducting member is in electrical communication with the case and the pin extends into an interior of the case.

26. (previously presented) The method of claim 20, further comprising:  
welding the mandrel to the pin.

27. (previously presented) The method of claim 20, wherein  
the mandrel includes a tube with a slot in the tube; and  
winding the first electrode strip together with the second electrode strip includes  
inserting a drive key into slot, and employing the drive key to rotate the mandrel and the  
pin.

28. (previously presented) The method of claim 20 wherein the mandrel includes a  
channel and further comprising:  
injecting an electrolyte into a case for a battery through the channel.

29.-66. (canceled)

67. (previously presented) The method of claim 20, further comprising:  
crimping the mandrel to the pin.

68.-77. (canceled)

78. (original) The method of claim 20, wherein the mandrel includes a tube.

79. (original) The method of claim 78, wherein positioning the mandrel on the pin  
includes positioning the pin in an interior of the tube.

79. (canceled)

80. (original) The method of claim 20, wherein positioning the mandrel on the pin  
includes sliding the mandrel onto the pin.

Application No: 10/666,860 Docket No.: Q137-US3

Page 4

81. (original) The method of claim 20, wherein the mandrel is positioned on the mandrel such that a portion of the first electrode strip is positioned between the mandrel and the pin.

82. (original) The method of claim 20, wherein the first end of the first electrode strip is connected to the pin such that the pin is in electrical communication with the first electrode strip.

83. (new) The method of claim 20, wherein the mandrel has a c-shaped cross-section.